Plant: Ardagh Metal Beverage USA Inc. 2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 July 24, 2017

### **Title V Semi-Annual Monitoring Verification Report**

#### Table VII-B

### Applicable Limits and Compliance Monitoring Requirements

S-2, S-8: Coater Ovens

				2 2, 2 0.	Coater Oven	<u> </u>			<del></del>
	Emission	ı	Future		Monitoring	Monitoring		Compliance	Compliance
Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	37	
Limit	Citation	Y/N	Date	Emission Limit	Citation	(P/C/N)	Туре	Yes	No
VOC	BAAQMD	Y		Two-Piece Can	BAAQMD	P/D	Coating		
	8-1 1-301.3			Basecoat:	8-1 1-501		records	YES	
				250 g/l (2.1 lb/gal) of				1123	
				coating applied,				1	
				excluding water					İ
VOC	BAAQMD	Y		Abatement Device	BAAQMD	С	Temperature		
14 1-400820	8-11-302	**		efficiency ≥90%	8-11-504		of	YES	
	(alternative						incineration	ILS	
	to 8-11-						unit		
	301.3)								
	NSPS	Y		Exterior Base Coat:	NSPS Subpart	P/M	Coating		1
	Subpart			0.29 kilograms f VOC	WW, 60.493 (b)	-,	records,		
1	ww,			per liter (2.42 lb/gal)			Initial		
İ	60.492 (a)			of coating solids	•		performance		
							test,		İ
							Monthly	YES	
		i.					operating		
							parameters	<u> </u>	
	Condition	Y		34.4 tons/yr,	Condition #391,	P/D	Operating		
*	#391,			facility limit	part 9(a)		time,		
	part I			,			Can		
	•						production		
							rate,	YES	
							Amount of		
			3				coating used		
	Condition	Y		Abatement Device	Condition #391,	С	Temperature	<del></del>	
	#391,	_		efficiency ≥95%	part 7		of		
	part 5			cincione's 2570	puit,		incineration	YES	
	•						unit		
<del></del>	Condition	Y		Minimum Incinerator	Condition #391,	С	Temperature	<del> </del>	1
	#391,	1		Temperature A-9 is	part 7		of		
1	part 6		]	1600 degrees F	puit/		incineration	YES	
	hom r O						unit	~~~	
							l unit		

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# Table VII-C Applicable Limits and Compliance Monitoring Requirements S-3, S-9: Printers, Line 1 & Line 2

Type of	Emissions Limit	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Comp	liance
Limit	Citation	Y/N	Date	Emission Limit	Citation	(P/C/N)	Type	Yes	No
VOC	BAAQMD 8-11-301.3	Y		Overvarnish: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	8-11- 301.10	N		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11- 301.3, 301.10)	Y		Abatement Device efficiency≥90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-305.3 - 8-11-503.1	P/A – P/E	Alternative Emission Control Plan submittal – Excess emissions reporting	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	SIP 8-11-501	P/D	Coating records	YES	

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### Title V Semi-Annual Monitoring Verification Report

### Table VII-C Applicable Limits and Compliance Monitoring Requirements S-3, S-9: Printers, Line 1 & Line 2

Type of Limit VOC	Emission Limit Citation NSPS Subpart WW	FE Y/N Y	Future Effective Date	Emission Limit Over-varnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of	Monitoring Requirement Citation NSPS Subpart WW, 60.493 (b)	Monitoring Frequency (P/C/N) P/M	Monitoring Type Coating records, Initial	Yes	No
	60.492 (Ь)			coating solids			performance test, Monthly operating parameters	YES	
	Condition 391, part 1	Y		34.4 tons/yr, facility limit	Condition 4391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	

## Table VII -D Applicable Limits and Compliance Monitoring Requirements S-4, S-10: Printer Ovens

	Emission		Future		Monitoring	Monitoring		compliance	
Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Citation		Date	Emission Limit	Citation	(P/C/N)	Туре	163	110
VOC	BAAQMD	Y		Overvarnish:	BAAQMD	P/D	Coating records	]	
	8-11-301.3			250 g/l (2.1 lb/gal) of coating applied,	8-11-501			YES	
				excluding water					
1	BAAQMD	N		Inks:	BAAQMD	P/D	Coating records	WEG	
	8-11-			300 g/l (2.5 lb/gal) of	0 1 7 501			YES	
	301.10			coating applied.	8-1 I-501				
				excluding water			1	10000 CON - 100	

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## Table VII-D Applicable Limits and Compliance Monitoring Requirements S-4, S-10: Printer Ovens

	Emission		Future		Monitoring Requirement	Monitoring		Compl	iance
Type of Limit	Limit Citation	FE	Effective Date	Emission Limit	Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
voc	BAAQMD 8-11-302 (alternative to 8-11- 301.3, 301.10)	Y		Abatement Device efficiency≥90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records,  Initial  performance  test,  Monthly  operating  parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr, facility limit	Condition #391, part 9(a)	P/D	Operating time,  Can  production  rate,  Amount of  coating used	YES	
voc	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	C	Temperature of incineration unit	YES	

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## Table VII-E Applicable Limits and Compliance Monitoring Requirements S-5, S-11: Inside Spray Machines, Line 1 & Line 2

	Emissions		Future		Monitoring	Monitoring		Comp	liance
Type of Limit	Limit Citation	FE Y/N	Effective Date	Emission Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
VOC	BAAQMD 8-11- 301.4.1	Y		Interior Body Spray: 420 g/l (3.5 lb/gal) of coating applied excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11- 301.4,	N		Abatement Device efficiency≥90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-305.3 - 8-11-503.1	P/A – P/E	Temperature of incineration unit	YES	
	SIP 8-11-301.4	Υ		Interior Body Spray: 510 g/l (4.2 lb/gal) of coating applied excluding water		P/D	Alternative Emission Control Plan submittal – Excess emissions reporting	YES	
	NSPS Subpart WW, 60.492 (c)	Y		Inside Spray: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW 60.493 (b)	P/M	Coating Records Initial Performance Test. Monthly operating Parameters	YES	

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### Title V Semi-Annual Monitoring Verification Report

#### Table VII-E

#### Applicable Limits and Compliance Monitoring Requirements

S-5, S-11: Inside Spray Machines, Line 1 & 2

Type of	Emission Limit	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Compliance	Compliance
Limit	Citation	Y/N	Date	Emission Limit	Citation	(P/C/N)	Type	Yes	No
voc	Condition #391 Part 1	Y		34.4 tons/yr. facility limit	Condition #391, part 9 (a)	P/D	Operating time Can production rate, Amount of coating used	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	С	Temperature of incineration unit	YES	
TSP	Regulation 6-301	Y		Ringelmann 1.0		N		YES	
	Regulation 6-310	Y		0.15 gr/dscf	Condition #16547, part 2	P/Q	Baghouse Inspection	YES	

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## Table VII-F Applicable Limits and Compliance Monitoring Requirements S-6, S-12: Bake Ovens

	Emission		Future		Monitoring Requirement	Monitoring		Con	npliance
Type of Limit	Limit Citation	FE	Effective Date	Emission Limit	Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
VOC	8-11- 301.4.1	N		Interior Body Spray: 420 g/l (3.5lb/gal) of coating applied excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11- 301.4)	Y		Abatement Device efficiency ≥ 90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	STP 8-11-301.4	Y		Interior Body Spray: 510 g/l(4.2 lb/gal) of Coating applied excluding water					
	NSPS Subpart WW 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of. coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records Initial Performance test. Monthly operating Parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr. facility Limit	Condition #391, part 9 (a)	P/D	Operating Time.  Can production rate amount of coating used	YES	
	Condition #391, part 5	Y		Abatement device efficiency ≥ 95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
voc	Condition #391, part 6	Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	С	Temperature of incineration unit	YES	

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## Table VII G Applicable Limits and Compliance Monitoring Requirements S-17, Lime Silo

Type of	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Yes	No
TSP	Regulation 6-301			Ringelmann 1.0	Condition #16548, part 2,3	P/A	Visible Emissions Checks Records for S-17	YES	
	Regulation 6-310	Y		0.15 /dscf		N	rate, Amount of coating used	YES	

### Table VII -G Applicable Limits and Compliance Monitoring Requirements S-16 Scrap Collection System

Type of	Emission Limit Citation	FE	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	compliance Yes	No
TSP	Regulation 6-301	Y		Ringelmann 1.0	Condition #16548, part 2,3			YES	
	Regulation 6-310	Y		0.15 /dscf				YES	